Stage 1 DBPR Monitoring Plan Chlorine and Chloramines

1a. ***Please circle disinfectants in use at your system (circle all that apply)*:**

Chlorine **Chloramines**

1b. ***Please circle the analytical method(s) that your system will use for chlorine and/or chloramines sample analysis:***

Chlorine			Chloramines
Free	Combined	Total	
4500-Cl D	4500-Cl D	4500-Cl D	4500-Cl D
4500-Cl F	4500-Cl F	4500-Cl F	4500-Cl F
4500-Cl G	4500-Cl G	4500-Cl G	4500-Cl G
4500-Cl H		4500-Cl I	4500-Cl I

1c. ***Please note any sample handling or preservation instructions for the state-approved party collecting and analyzing the samples:***

1d. ***List the contact information for the state-approved party (name, phone, and address) that will analyze your chlorine and chloramines samples:***

★ **2.** ***In Table 1, record the specific locations and schedule for collecting samples.***

Table 1: Routine Monitoring*

Disinfectant Residual	Sampling Frequency (e.g., # / month)	Scheduled Sample Date (e.g., 1st Monday of the month)	Sample Site Locations	
			Location #	Location ID

***Reduced and increased monitoring for chlorine or chloramines schedules depend on TCR monitoring requirements.**

Notes:

★ **3.** ***Calculating Compliance***

In the box provided below, describe how you will calculate compliance. Example compliance determination formulas are included below for your convenience. At the end of each quarter, you should calculate compliance based on a running annual average (RAA) of monthly averages. If the RAA is at or below the MRDL, the system is in compliance.

Compliance Calculation (enter your method for determining compliance in the space below)

Example Calculations:

	Monthly Average
Chlorine and Chloramines	**Monthly Average = $\frac{S_a+S_b+S_c+S_d}{\text{\# of samples per month}}$**

Your system is in compliance if:

	Annual Monitoring
Chlorine and Chloramines	**RAA = $\frac{M_1+M_2+M_3+M_4+M_5+M_6+M_7+M_8+M_9+M_{10}+M_{11}+M_{12}}{12} \leq 4.0$ mg/L**

You can use the following monitoring worksheets to record samples and calculate compliance with the MRDL.